

FORM PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use Several Sheets if Necessary)

DOCKET NUMBER (OPTIONAL)
40907APPLICATION NO.
08/797,188

APPLICANT

Peter C. DeAngelis

FILING DATE

02/11/97

GROUP ART UNIT

3301

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|----------|----------------|-------|--------------|-------------------------------|
| | 5,474,486 | 12/12/95 | Chilton et al. | 456 | 456 | 12/02/93 |
| | 5,471,668 | 11/28/95 | Soenen et al. | 455 | 352 | 06/15/94 |
| | 5,435,768 | 07/25/95 | Dunleavy | 446 | 427 | 05/04/94 |
| | 5,435,553 | 07/25/95 | Arima et al. | 273 | 865 | 02/22/93 |
| | 5,429,543 | 07/04/95 | Tilbor et al. | 446 | 456 | 07/31/92 |
| | 5,364,108 | 11/15/94 | Esnouf | 273 | 430 | 04/08/93 |
| | 5,148,159 | 09/15/92 | Clark et al. | 340 | 825.22 | 04/26/89 |
| | 5,135,427 | 08/04/92 | Suto et al. | 446 | 433 | 09/13/91 |
| | 5,098,110 | 03/24/92 | Yang | 273 | 438 | 07/06/90 |
| | 5,073,750 | 12/17/91 | Coron | 318 | 58.7 | 01/30/90 |
| | 5,452,901 | 09/26/95 | Nakada et al. | 273 | 310 | 06/29/94 |

FOREIGN PATENT DOCUMENTS

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | | | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

EXAMINER

DATE CONSIDERED

EXAMINER Initial citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

FORM PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use Several Sheets if Necessary)

DOCKET NUMBER (OPTIONAL)
40907

APPLICATION NO.
08/797,188

APPLICANT
Peter C. DeAngelis

FILING DATE
02/11/97

GROUP ART UNIT
3301

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|----------|-------------------|-------|--------------|-------------------------------|
| | 4,817,948 | 04/04/89 | Simonelli | 273 | 86 B | 09/06/83 |
| | 4,563,626 | 01/07/86 | Ohtake | 446 | 454 | 09/13/84 |
| | 4,334,221 | 06/08/82 | Rosenhagen et al. | 340 | 825.72 | 10/22/79 |
| | 4,226,292 | 10/07/80 | Monte et al. | 180 | 6.5 | 02/01/79 |
| | 4,213,270 | 07/22/80 | Oda | 463 | 254 | 08/07/78 |
| | 4,197,672 | 04/15/80 | Mabuchi et al. | 46 | 254 | 11/22/78 |
| | 4,171,468 | 10/16/79 | Reiner | 179 | 15 AW | 11/22/77 |
| | 4,141,553 | 02/27/79 | Beny et al. | 273 | 86 B | 09/06/77 |
| | 4,135,181 | 01/16/79 | Bogacki et al. | 340 | 310 A | 01/30/76 |
| | 4,087,799 | 05/02/78 | Brouwer | 340 | 237.5 | 07/08/76 |

FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
|-----------------|------|---------|-------|--------------|-------------|----|
| | | | | | YES | NO |
| | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|--|--|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

EXAMINER

DATE CONSIDERED

EXAMINER Initial citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

FORM PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use Several Sheets if Necessary)

DOCKET NUMBER (OPTIONAL)
40907

APPLICATION NO.
08/797,188

APPLICANT
Peter C. DeAngelis

FILING DATE
02/11/97

GROUP ART UNIT
3301

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|----------|------------------|-------|--------------|-------------------------------|
| | 4,080,602 | 03/21/78 | Hattori et al. | 343 | 225 | 02/12/76 |
| | 3,926,434 | 12/16/75 | Cannon Jr. | 373 | 86 B | 04/19/74 |
| | 3,782,031 | 01/01/74 | Byron | 46 | 244 R | 02/23/72 |
| | 3,639,755 | 02/01/72 | Wrege | 246 | 187 B | 01/02/70 |
| | 3,596,400 | 08/03/71 | Cheng | 463 | 235 B | 11/06/68 |
| | 3,482,046 | 12/02/69 | Hughson et al. | 179 | 154 | 04/04/63 |
| | 3,400,488 | 09/10/68 | Phillpott et al. | 469 | 244 | 04/04/66 |
| | 3,303,821 | 02/14/67 | Harris | 119 | 29 | 09/24/65 |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
|--|-----------------|------|---------|-------|--------------|-------------|----|
| | | | | | | YES | NO |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|--|--|
| | | |
| | | |
| | | |
| | | |
| | | |

EXAMINER

DATE CONSIDERED

EXAMINER

Initial citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

PTO/SB/08(2-92)

JEP:RGSTS/40907/PTO/1449.512

Patent and Trademark Office, U.S. Department of Commerce